

IN THE CLAIMS

The pending claims are as follows:

1. (Previously Presented) A record carrier having a first area for storing information, and a second area, the second area comprising an integrated circuit, characterized in that the integrated circuit comprises, integrated therein,:

5 transmitting means for transmitting additional information; and

receiving means for receiving a power supply signal for supplying power to the integrated circuit, the receiving means comprising a light-sensitive sensor,

10 wherein said integrated circuit further comprises:

means for generating a first communication channel operating at a first frequency; and

means for generating, simultaneously with said first communication channel, a second communication channel operating at
15 a second frequency, the first frequency being substantially unequal to the second frequency.

2. (Previously Presented) The record carrier as claimed in claim 1, characterized in that the receiving means also receives additional information.

3. (Previously Presented) The record carrier as claimed in claim 1, characterized in that the integrated circuit is contactlessly readable.
4. (Cancelled).
5. (Previously Presented) The record carrier as claimed in claim 1, characterized in that the additional information comprises a key for scrambling and/or descrambling the information.
6. (Previously Presented) The record carrier as claimed in claim 5, characterized in that the integrated circuit further comprises:
a memory in which the additional information is stored.
7. (Previously Presented) The record carrier as claimed in claim 1, characterized in that the record carrier is a pre-recorded record carrier.
8. (Previously Presented) The record carrier as claimed in claim 1, characterized in that the first frequency is in an optical frequency range and the second frequency is in a radio frequency range.
9. (Previously Presented) A method of manufacturing a record carrier, the method comprising the steps of:
 - a. receiving information;

b. providing information on the record carrier;

5 c. providing an integrated circuit on the record carrier, the integrated circuit comprising transmitting means for transmitting additional information and receiving means for receiving a power supply signal for supplying power to the integrated circuit, the receiving means comprising a light-sensitive sensor,

10 wherein said integrated circuit comprises:

means for generating a first communication channel operating at a first frequency; and

15 means for generating, simultaneously with said first communication channel, a second communication channel operating at a second frequency, the first frequency being substantially unequal to the second frequency.

10. (Previously Presented) The method as claimed in claim 9, characterized in that the receiving means also receives additional information.

11. (Previously Presented) The method as claimed in claim 9, characterized in that the method comprises the further step of:

d. providing additional information in the integrated circuit.

12. (Previously Presented) A system for protecting information on a record carrier, the system comprising a device for reading and/or writing the information on the record carrier, and the record

carrier, the device comprising transmitting means and receiving
5 means for transmitting and receiving additional information, and
the record carrier comprising transmitting means for transmitting
additional information and receiving means for receiving a power
supply signal for supplying power to the integrated circuit,
characterized in that the transmitting means and receiving means of
10 the record carrier are integrated in an integrated circuit, and the
receiving means of the record carrier comprise a light-sensitive
sensor,

wherein said integrated circuit comprises:

means for generating a first communication channel
15 operating at a first frequency; and
means for generating, simultaneously with said first
communication channel, a second communication channel operating at
a second frequency, the first frequency being substantially unequal
to the second frequency.

13. (Previously Presented) The system as claimed in claim 12,
characterized in that the receiving means of the record carrier
also receives additional information.

14. (Previously Presented) The system as claimed in claim 12,
characterized in that the integrated circuit is contactlessly
readable.

15. (Cancelled).

16. (Previously Presented) The system as claimed in claim 12, characterized in that transmitting means of the device comprises an optical transmitter, the receiving means of the device a radio receiver, the receiving means of the integrated circuit comprises a
5 light-sensitive sensor, and the transmitting means of the integrated circuit comprises a radio transmitter.

17. (Previously Presented) The system as claimed in claim 12, characterized in that the first communication channel is adapted for supplying power to the integrated circuit and for transmitting data.

18. (Previously Presented) The system as claimed in claim 12, characterized in that the additional information comprises an encryption algorithm for safety protection of the communication channels.

19. (Previously Presented) A device for reading a record carrier as claimed in claim 1, said device comprising:

detection means for detecting optically readable signs representing the information, and receiving means and transmitting
5 means for reading and receiving additional information stored in the integrated circuit.

20. (Cancelled).

21. (Previously Presented) The device as claimed in claim 19, wherein the device comprises write means for providing optically readable signs on a recordable record carrier.

22. (Previously Presented) A device for reading additional information present in the integrated circuit on the record carrier as claimed in claim 1, wherein the device comprises:

receiving means and transmitting means for reading and
5 receiving additional information stored in the integrated circuit.

23. (Previously Presented) An integrated circuit comprising transmitting means for transmitting additional information, and receiving means for receiving a power supply signal for supplying power to the integrated circuit, the receiving means comprising a
5 light-sensitive sensor, wherein said integrated circuit comprises:

means for generating a first communication channel
operating at a first frequency; and

means for generating, simultaneously with said first
communication channel, a second communication channel operating at
10 a second frequency, the first frequency being substantially unequal
to the second frequency.

24. (Previously Presented) The integrated circuit as claimed in claim 23, wherein the receiving means also receives additional information.

